



## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification <sup>7</sup> : B01D 27/06, 27/08, 27/10, 35/18	A1	(11) International Publication Number: WO 00/59602 (43) International Publication Date: 12 October 2000 (12.10.00)
--	----	---

(21) International Application Number: PCT/GB00/01253

(22) International Filing Date: 3 April 2000 (03.04.00)

(30) Priority Data:  
9907564.0 1 April 1999 (01.04.99) GB

(71) Applicant (for all designated States except US): DELPHI TECHNOLOGIES INC. [US/US]; P.O. Box 5052, Troy, MI 48007 (US).

(71) Applicant (for AG only): POPLÉ, Joanne, Selina [GB/GB]; 41 Copperbeech Close, Harborne, Birmingham B32 2HT (GB).

(72) Inventors; and

(75) Inventors/Applicants (for US only): DECAUX, Daniel, Henri [FR/FR]; 4, rue des Poutils, F-41000 Blois (FR). GAUTHIER, Alan [FR/FR]; 8, chemin des Ajoncs, F-41330 La Chapelle Vendomoise (FR). VAN HOUTTE, Stephane, Jacques, Henri [FR/FR]; 3, allée de Tourmaline, F-41260 La Chaussée-Saint-Victor (FR).

(74) Agents: POPLÉ, Joanne, Selina et al.; Marks &amp; Clerk, Alpha Tower, Suffolk Street Queensway, Birmingham B1 1TT (GB).

(81) Designated States: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published

With international search report.

(54) Title: FUEL FILTER

(57) Abstract

A fuel filter comprising a filter body (10) defining an internal chamber (15) within which a filter medium (16) is to be located, the filter body (10) being of multi-part construction, the parts (10a, 10b) of the filter body (10) being non-removably, sealingly secured to one another. The filter body (10) is shaped to define an inlet port (11) and an outlet port (13) communicating with dirty and clean sides of the filter medium, respectively. The fuel filter may also include a second inlet port (12) for receiving fuel, a return port (14) arranged to permit the return flow of fuel from the filter to a low pressure fuel reservoir, and a temperature sensitive valve (22) operable to control whether fuel entering the filter body (10) through the second inlet port (12) is supplied to the dirty side of the filter medium (16) or supplied to the return port (14) for return to the fuel reservoir.

